



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Katy Allen
James R. Helmer

SUBJECT: SEE BELOW

DATE: 05-17-04

Approved

Date

Council District: 8

**SUBJECT: TRAFFIC SIGNAL INSTALLATION AT BRIGADOON WAY AND
DANIEL MALONEY DRIVE PROJECT**

RECOMMENDATION

Report on bids and award of contract for the Traffic Signal Installation at Brigadoon Way and Daniel Maloney Drive Project to the low bidder, Brown & Fesler, Inc., in the amount of \$169,699, and approval of a contingency in the amount of \$16,960.
CEQA: Exempt, PP02-07-197.

BACKGROUND

The Traffic Capital Budget includes funding for new traffic signals and modifications to existing signals at specific locations. These locations are recommended by the Department of Transportation based on conformance with City Council Policy 2-2, which takes into account prioritization factors related to accident history, traffic volumes and speed, traffic congestion, pedestrian activities and proximity to schools.

A traffic signal installation is planned for the intersection of Brigadoon Way and Daniel Maloney Drive, which is located at Silver Creek High School, to provide controlled signal access and to improve pedestrian mobility through the intersection. At this intersection, an easement is necessary to install traffic signal equipment on high school property. The East Side Union High School District Board of Trustees approved the easement donation agreement on March 11, 2004. The acceptance of the easement(s) from East Side Union High School District was approved on the May 18, 2004 Council Agenda, titled "Acceptance of Donation of Two Easements for Traffic Signals."

Department of Public Works staff also coordinated closely with neighboring development projects adding traffic to the intersection and obtained contributions totaling \$152,881 towards the project.

This project includes the installation of signal standards, signal display equipment, conduit and electrical systems, vehicular and pedestrian detection systems, street lighting and related improvements.

Construction is scheduled to begin in July with completion in November 2004.

ANALYSIS

Bids were opened on May 6, 2004 with the following results:

<u>Contractor</u>	<u>Total Bid</u>	<u>Variance Amount</u>	<u>Over/(Under) Percent</u>
Tennyson Electric, Inc. (Livermore)	\$194,100	\$8,100	4%
Rosendin Electric, Inc. (San José)	193,216	7,216	4
Engineer's Estimate	186,000	---	---
Prism Engineering, Inc. (Hollister)	178,455	(7,545)	(4)
San Jose Signal Electric Construction, Inc. (San José)	175,000	(11,000)	(6)
Pacific Electric Company (San José)	174,855	(11,115)	(6)
Brown & Fesler, Inc. (Livermore)	169,699	(16,301)	(9)

The low bid submitted by Brown & Fesler, Inc. is 9 percent below the Engineer's Estimate. The bid is considered acceptable for the work involved in the project.

Council policy provides for a standard contingency of ten percent on public works projects involving traffic signal systems. The standard contingency is appropriate for this project. The funds budgeted for this project is sufficient to provide for the recommended contingency.

PUBLIC OUTREACH

This project's public outreach was coordinated with Council District 8, the East Side Union High School District, the Silver Creek High School Principal and Vice Principal and immediate residents at the intersection.

To solicit contractors, this project was listed on the City's Internet Bid Line and advertised in the *San José Post Record*. Bid packages for all Department of Public Works construction projects are provided to various contractor organizations and builder's exchanges.

COORDINATION

This project and memo have been coordinated with the City Attorney's Office, the City Manager's Budget Office and the Department of Planning, Building and Code Enforcement.

COST IMPLICATIONS

1. AMOUNT OF RECOMMENDATION: \$169,699

2. COST OF PROJECT:

Project Delivery	\$60,000	*
Construction	\$169,699	
Contingency	<u>\$16,960</u>	
Total	\$246,659	

* \$2,886 of the Project Delivery Costs were expended in the prior fiscal year.

2. SOURCE OF FUNDING: 429 – Building and Structure Construction Tax Fund

3. FISCAL IMPACT: This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy. Upon completion, the project will have minimal operating and maintenance impacts on the General Fund in the approximate amount of \$4,500 per signal per year.

BUDGET REFERENCE

Fund #	Appn #	Appn. Name	RC #	Total Appn.	Amt. for Contract	Adopted Budget Page	Last Budget Action (Date, Ord. No.)
429	4321	Traffic Signals	122295	\$4,203,000	\$169,699	Page 864	10/14/2003, Ord. No. 26997

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CEQA

Exempt, PP02-07-197.

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Director of Transportation

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Attachment